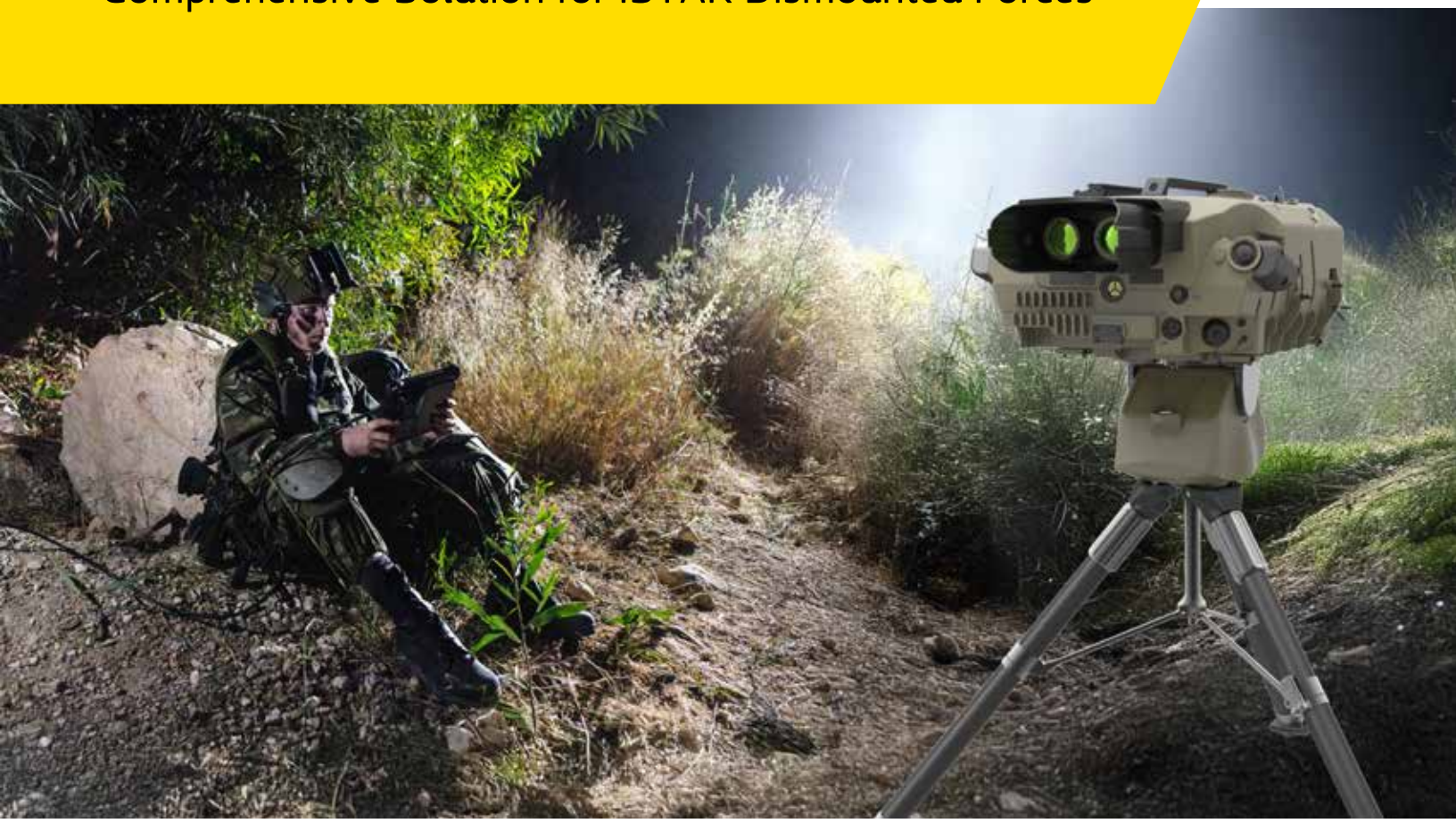
HattoriX

Comprehensive Solution for ISTAR Dismounted Forces



Elbit Systems™
ISTAR & EW

HattoriX a next-generation fire support and intelligence solution for dismounted forces, designed to shorten the sensor-to-shooter loop while engaging fire effectively and accurately.

HattoriX offers the dismounted team an independent intelligence collection-and-analysis capability for immediate and accurate target engagement, while minimizing collateral damage.

By integrating several technologies into one comprehensive solution, HattoriX exploits Elbit Systems' ISTAR assets more efficiently than ever before, enabling precise and rapid execution of complex ISTAR missions.

HattoriX is designed for dismounted operational users, including Forward Observers (FO), Forward Air Controllers (FAC), Joint Terminal Attack Controllers (JTAC), reconnaissance, field intelligence and Special Forces.

Different configurations to enable operational flexibility:

- **HattoriX RC –** Remotely-controlled configuration for long-range dismounted ISTAR missions
- **HattoriX M –** Remotely-controlled configuration for medium-range dismounted ISTAR missions

The HattoriX system includes:

- Remote-Controlled Goniometer
- Large Display Unit
- Accessories such as a remote harness (up to 100 meters), backpack, batteries, connection hubs and more

Remote Operation

- Remote operation from over 100 meters away
- Increased survivability by remaining concealed or covert while maintaining full control
- Efficient and easy systems control during extended missions

Stealth Mode: Passive CAT-1 Acquisition

- Minimizing electromagnetic radiation
- Reducing the likelihood of detection
- Achieving crucial tactical superiority

Intelligent Navigation

- Scan Plan: Seamlessly define multiple points of interest on a digital map and let the system automatically navigate between them
- Eliminates the tedious and time-consuming process of manual adjustments. Simply select any point of interest on the digital map and the system will automatically move to that location

User-Centric Design: Simplified Setup

- Simplified Setup
- UX focused

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Key Features

Stealth mode CAT1 passive target acquisition

Easy-to-use

Better situational awareness, target extraction

Remote-controlled and continuously connected to the BMS

Reduced SWaP

Intelligent navigation: Digital map allow automatic scan plan

The HattoriX solution provides crucial operational benefits:

- **Improved SWaP –** A dismounted solution designed to support prolonged missions with optimal SWaP
- **Modular configuration –** Tailor made for the customer's specific requirements, while enabling the integration of various electro-optics, LRF, designators, C^4I, radio, radar and more
- **Connectivity and interoperability –** Unified system communications and power pack enables several systems to operate in conjunction with each other - increasing operational effectiveness
- **Improved Situational Awareness –** Integrated video with GIS database processing provides enhanced battlefield management by matching mission planning elements with video input
- **Highly efficient fire engagement –** Users have the flexibility of choosing the most optimal engagement platform available

* Elbit Systems may at any time make improvements or changes to the products or specifications without notice

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